

## HF ANTENNA 6.5 TO 30 MHz

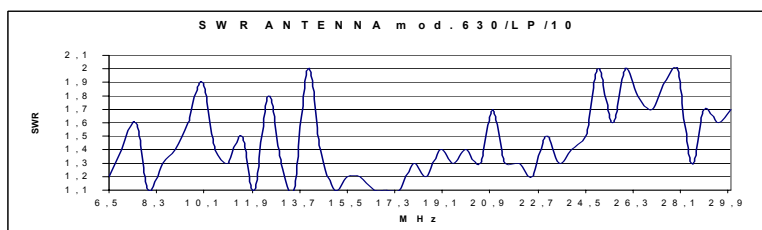
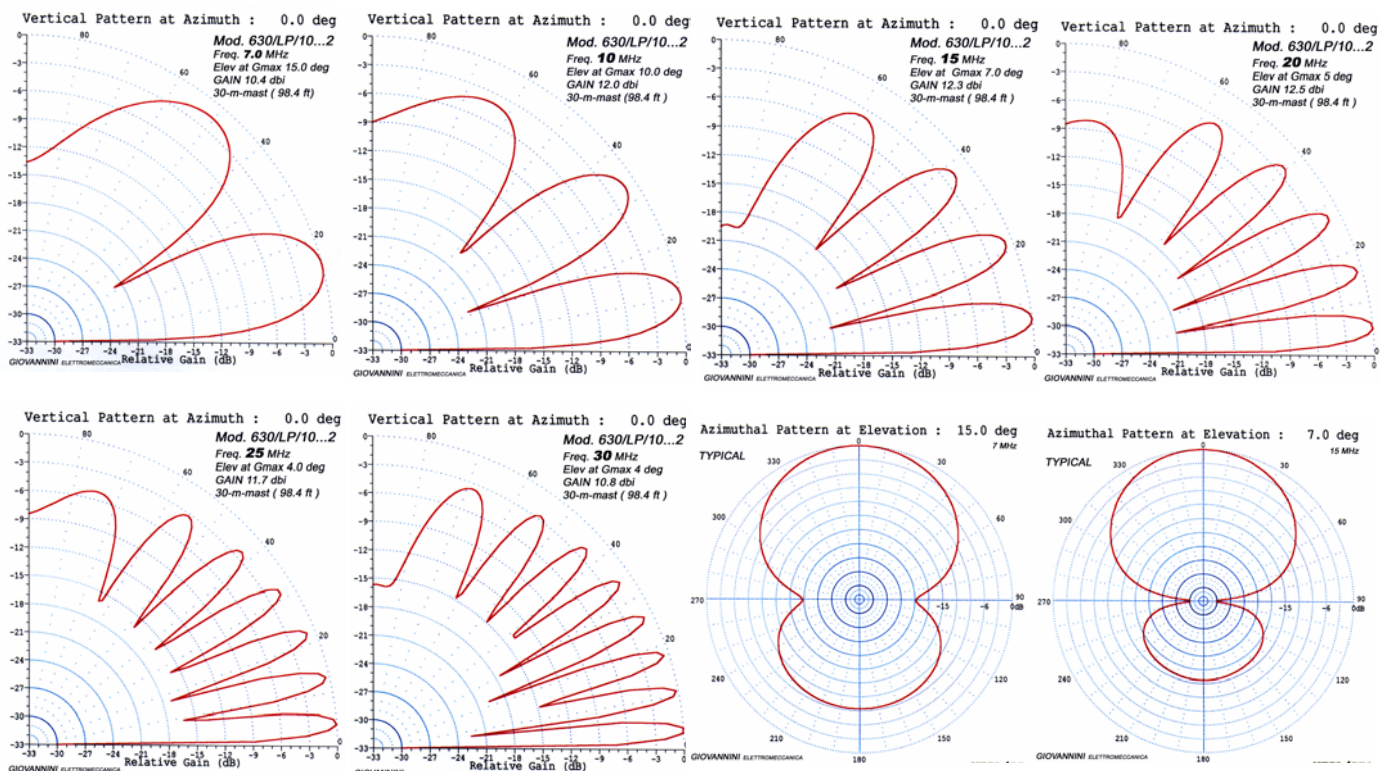
### APPLICATIONS

#### Mod. LP 630-W-2 and LP 630-W-10

The LP 630-W-2..10 is a horizontally/vertically polarized fixed station, log periodic antenna normally used for short/medium/long range communications in the 6.5 to 30 MHz frequency band.

The LP 630-W-2..10 antenna is broadband and will operate within the defined frequency range without any adjustments or tuning.

SPECIFICATIONS	Mod.	LP 630-W-10	LP 630-W-2
FREQUENCY RANGE		6.5 to 30 MHz	6.5 to 30 MHz
POWER KW		10	2
NOMINAL IMPEDANCE		50 ohm	50 ohm
SWR max.		< 2 : 1	< 2 : 1
GAIN dbi		10.4 TO 12.5	10.4 TO 12.5
CONNECTOR		7/16 EIA	N Female
LENGTH ( L )		48 m ( 157.5 ft )	48 m ( 157.5 ft )
WIDTH ( W )		40 ~ 70 m ( 131.3 ~ 229.7 ft )	40 ~ 70 m ( 131.3 ~ 229.7 ft )
HEIGHT ( H )		20 m ( 65.7 ft )	20 m ( 65.7 ft )
WEIGHT OF ANTENNA		370 Kos ( 814 lbs )	370 Kos ( 814 lbs )
MAXIMUM SPEED OF WIND Km/h		225 ( 140 mph )	225 ( 140 mph )
WITH 12 mm(0.5 in) ICE SLEEVE Km/h		139 ( 87 mph )	139 ( 87 mph )
OPERATING TEMPERATURE RANGE		-30 + 60 °C	-30 + 60 °C
STORAGE		-40 + 85 °C	-40 + 85 °C
TRANSPORT WEIGHT.....approx.		1050 Kos ( 2310 lbs )	980 Kos. ( 2156 lbs )
TRANSPORT VOLUME.....approx.		8 m <sup>3</sup>	8 m <sup>3</sup>



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